

Data File : VU035849.D
Acq On : 26 Nov 2019 11:37
Operator : JC/SP
Sample : K5992-01DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GARE4DL

Quant Time: Nov 27 01:21:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	218608	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	256879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	71803	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	158249	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.93	69	143377	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.60	63	195884	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.69	46	250933	37.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.94%
24) Chloroform-d	5.11	84	215540	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.75	65	137406	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.77	84	477226	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.73	67	162913	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	382235	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.21	79	57903	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.69	63	245512	47.53	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	126201	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	87517	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

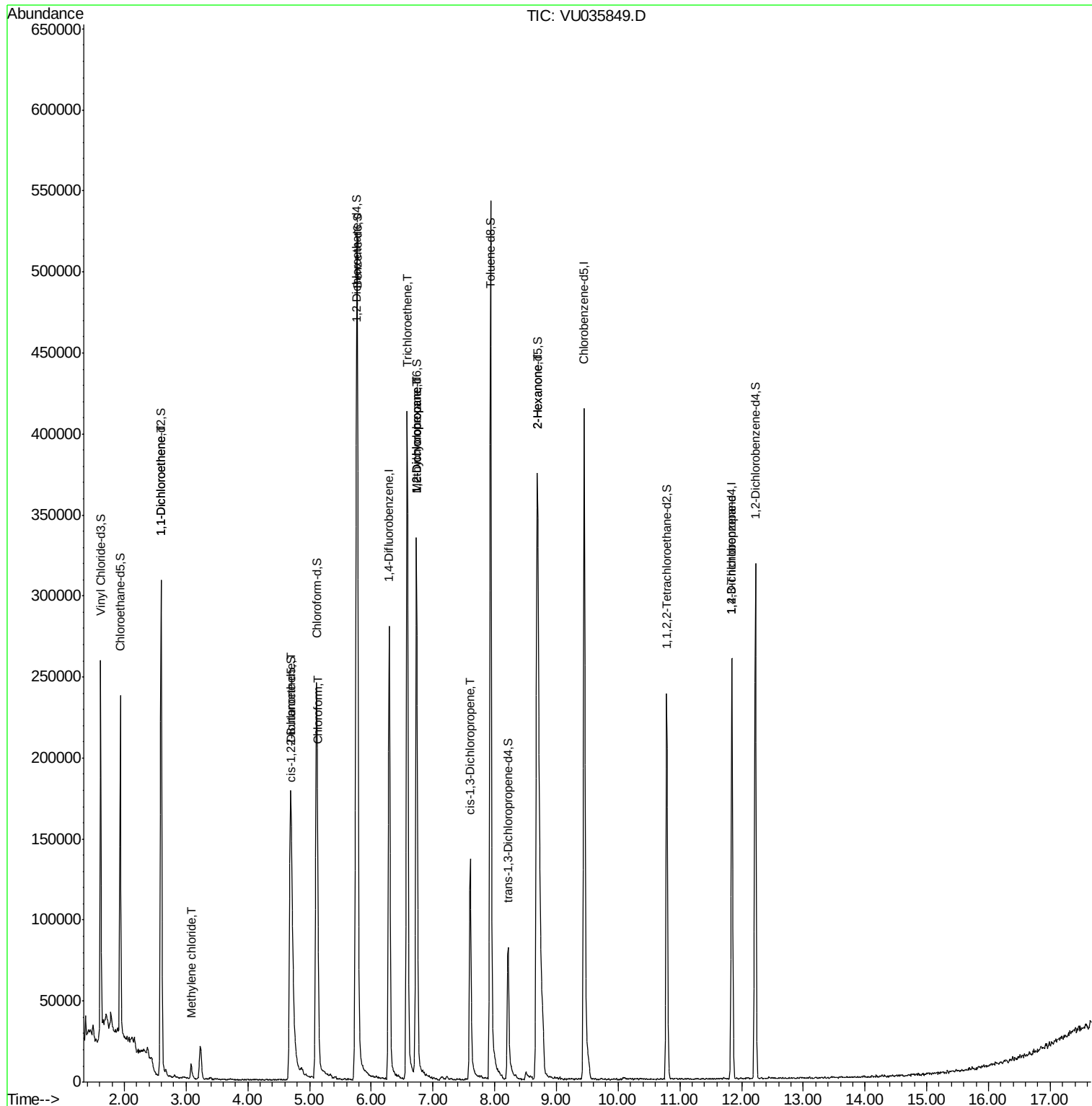
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1780	0.078 ug/L #	1
16) Methylene chloride	3.09	84	4052	0.147 ug/L	90
22) cis-1,2-Dichloroethene	4.72	96	13368	0.536 ug/L	95
25) Chloroform	5.14	83	40941	0.836 ug/L	99
34) Trichloroethene	6.58	95	153538	5.840 ug/L	99
35) Methylcyclohexane	6.73	83	35815	0.928 ug/L #	13
37) 1,2-Dichloropropane	6.74	63	17886	0.588 ug/L #	90
39) cis-1,3-Dichloropropene	7.61	75	3855	0.098 ug/L #	38
48) 2-Hexanone	8.69	43	40248	2.928 ug/L #	62
59) 1,2,3-Trichloropropane	11.84	75	9871	0.499 ug/L #	86

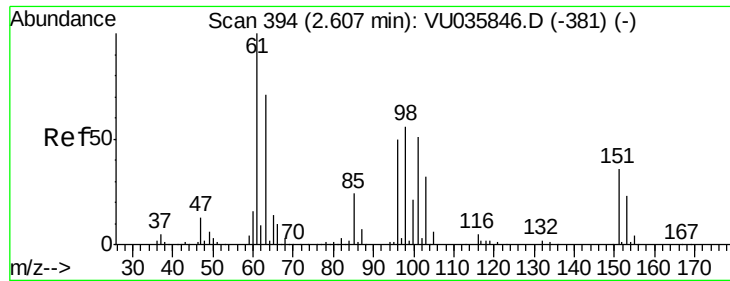
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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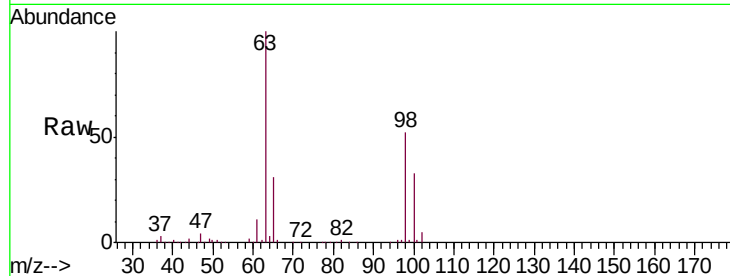




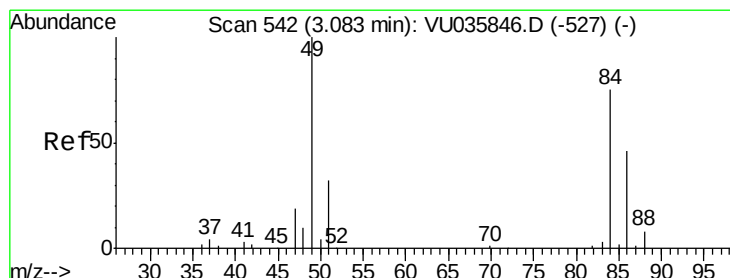
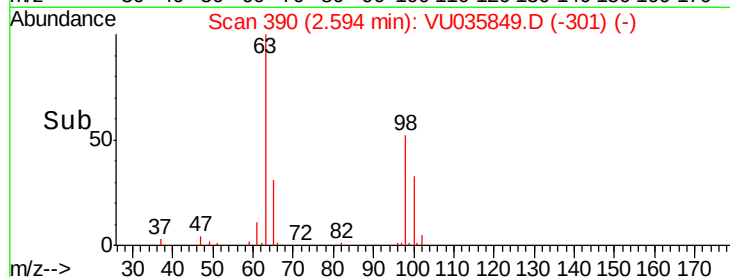
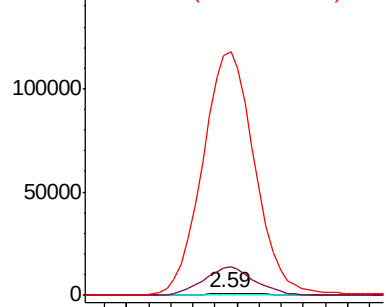
#12
 1,1-Dichloroethene
 Concen: 0.078 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU035849.D
 Acq: 26 Nov 2019 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE4DL

Tgt Ion: 96 Resp: 1780
 Ion Ratio Lower Upper
 96 100
 61 1308.4 139.3 258.7#
 63 11777.3 93.7 174.1#

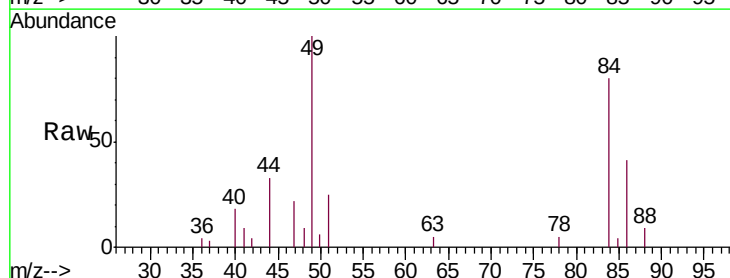


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

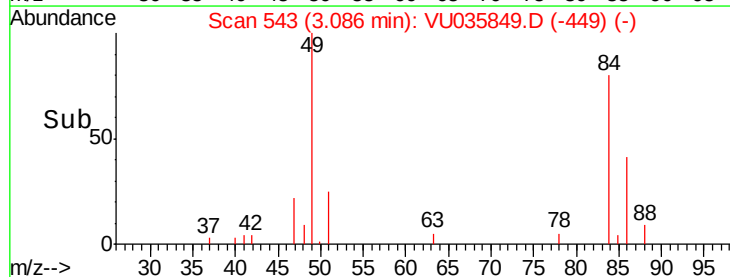
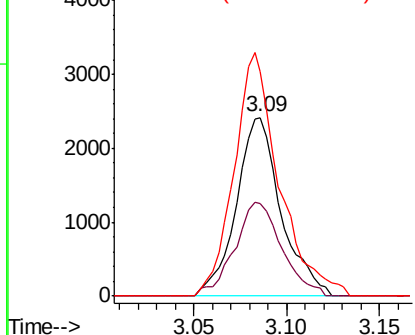


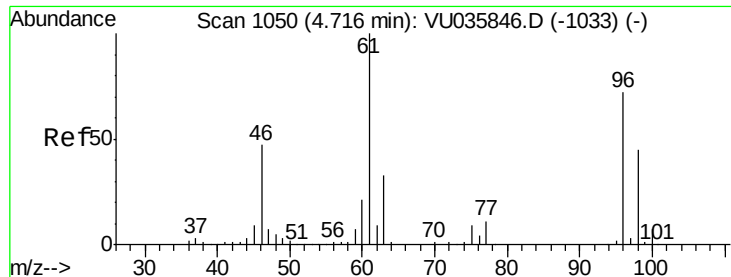
#16
 Methylene chloride
 Concen: 0.147 ug/L
 RT: 3.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: VU035849.D
 Acq: 26 Nov 2019 11:37

Tgt Ion: 84 Resp: 4052
 Ion Ratio Lower Upper
 84 100
 86 51.7 44.4 82.5
 49 125.6 94.0 174.6



Abundance Ion 84.05 (83.75 to 84.75): VU0
 Ion 86.00 (85.70 to 86.70): VU0
 Ion 49.10 (48.80 to 49.80): VU0

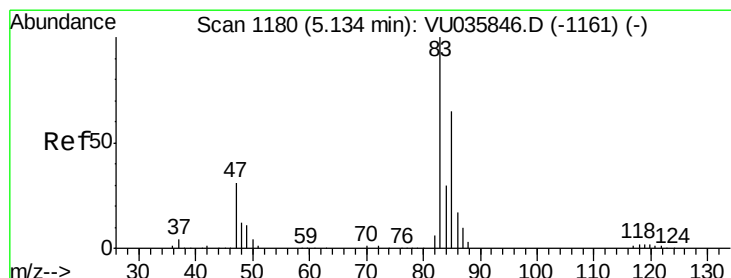
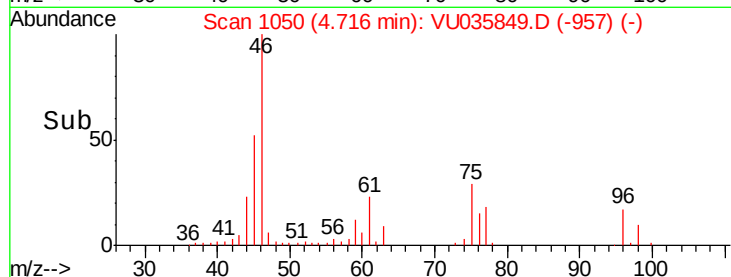
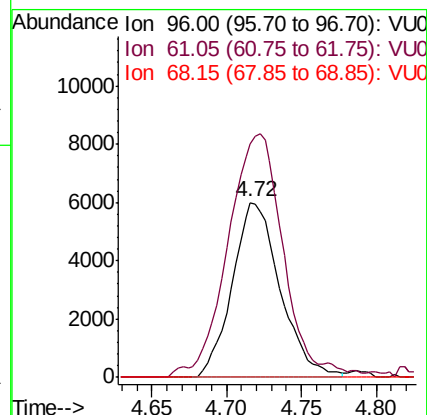
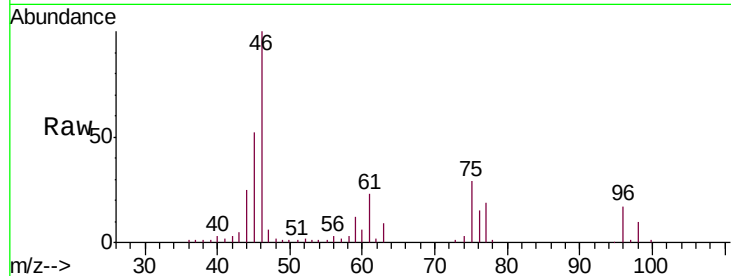




#22
 cis-1,2-Dichloroethene
 Concen: 0.536 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VU035849.D
 Acq: 26 Nov 2019 11:37

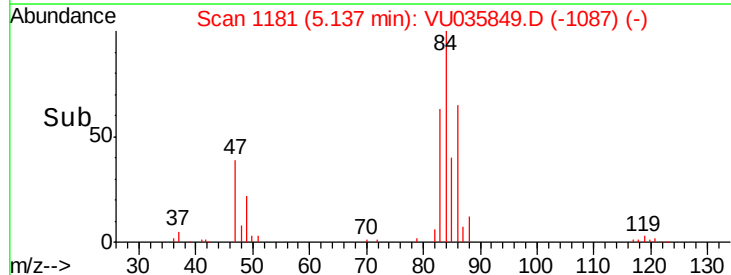
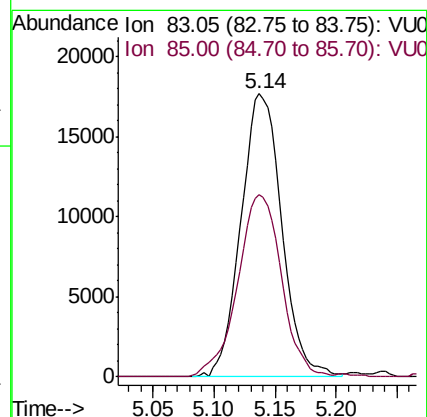
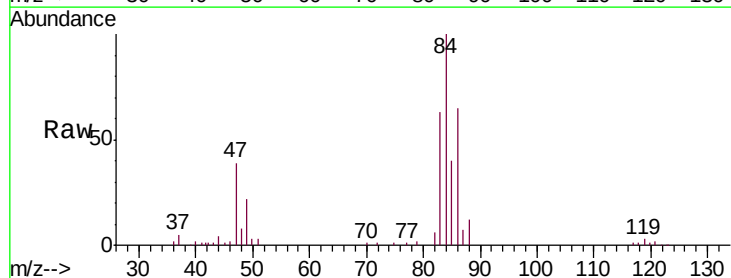
Instrument :
 MSVOA_U
 ClientSampled :
 GARE4DL

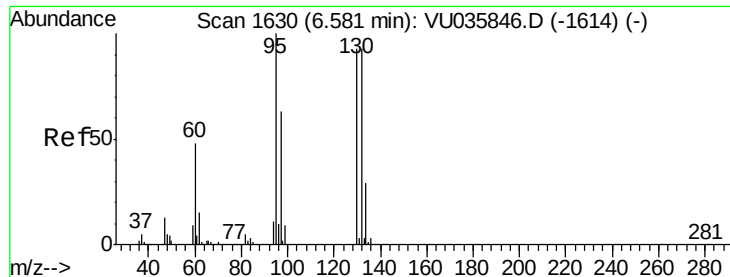
Tgt Ion: 96 Resp: 13368
 Ion Ratio Lower Upper
 96 100
 61 133.5 98.1 182.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.836 ug/L
 RT: 5.14 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VU035849.D
 Acq: 26 Nov 2019 11:37

Tgt Ion: 83 Resp: 40941
 Ion Ratio Lower Upper
 83 100
 85 64.3 44.6 82.8





#34

Trichloroethene

Concen: 5.840 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035849.D

Acq: 26 Nov 2019 11:37

Instrument :

MSVOA_U

ClientSampleId :

GARE4DL

Tgt Ion: 95 Resp: 153538

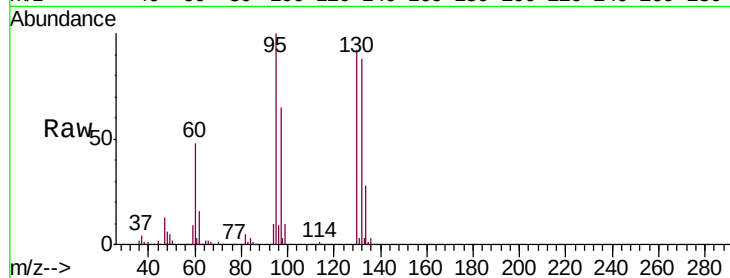
Ion Ratio Lower Upper

95 100

97 65.0 45.1 83.9

132 88.5 61.9 114.9

130 92.3 66.3 123.1

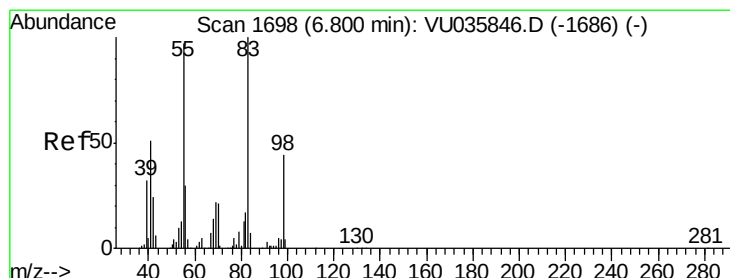
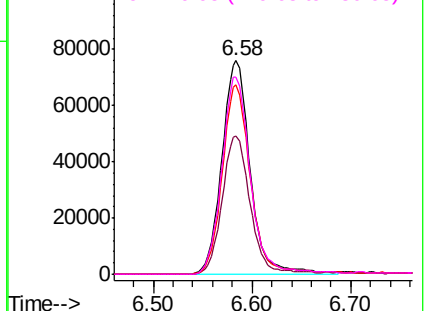
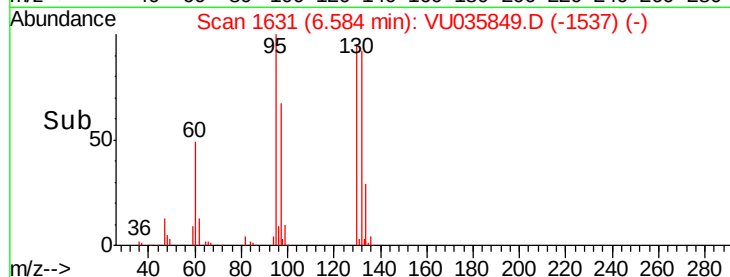


Abundance Ion 95.00 (94.70 to 95.70): VU035849.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035849.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035849.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035849.D (-1537) (-)



#35

Methylcyclohexane

Concen: 0.928 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035849.D

Acq: 26 Nov 2019 11:37

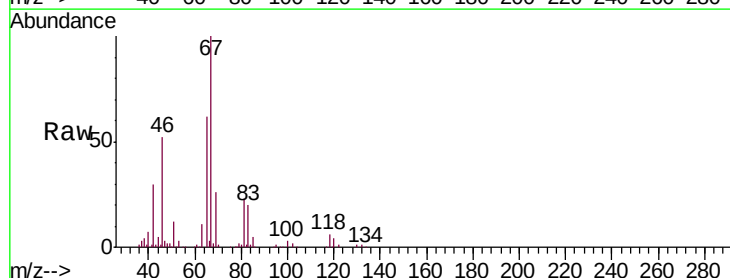
Tgt Ion: 83 Resp: 35815

Ion Ratio Lower Upper

83 100

55 0.5 72.7 109.1#

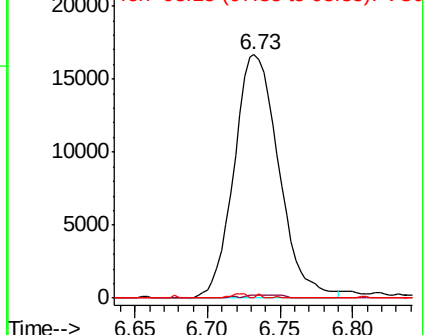
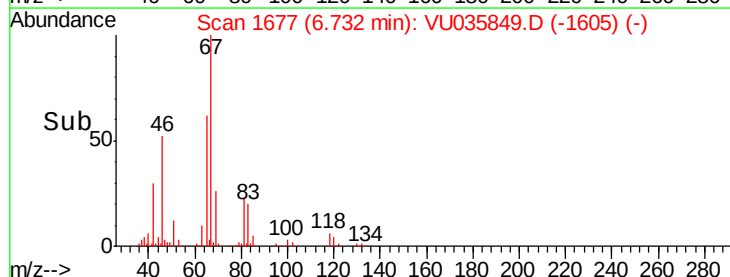
98 0.0 36.2 54.4#

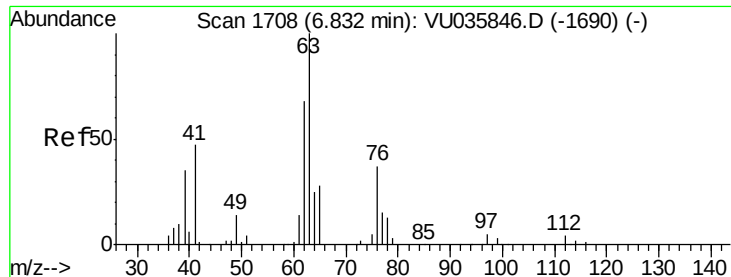


Abundance Ion 83.15 (82.85 to 83.85): VU035849.D (-1605) (-)

Ion 55.10 (54.80 to 55.80): VU035849.D (-1605) (-)

Ion 98.15 (97.85 to 98.85): VU035849.D (-1605) (-)

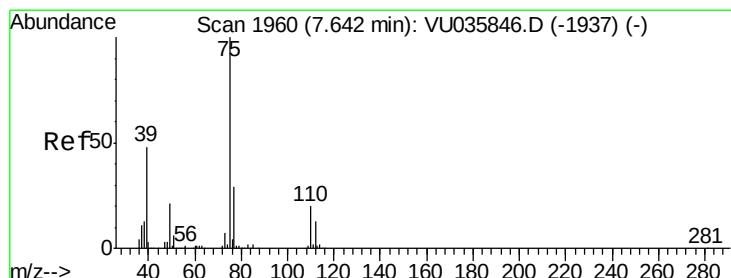
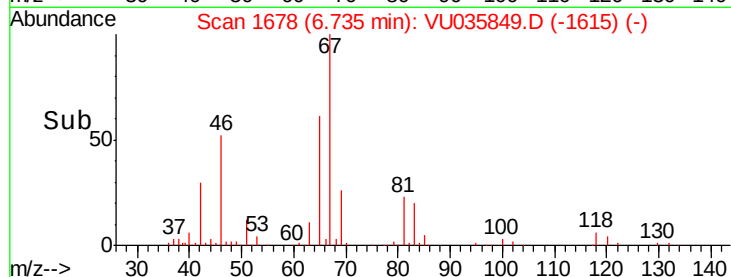
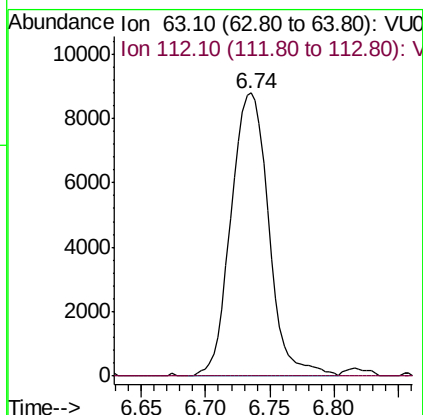
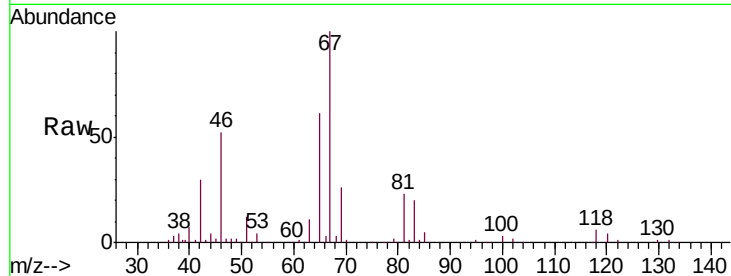




#37
 1,2-Dichloropropane
 Concen: 0.588 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035849.D
 Acq: 26 Nov 2019 11:37

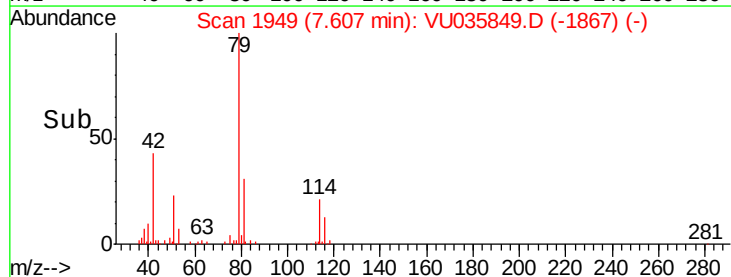
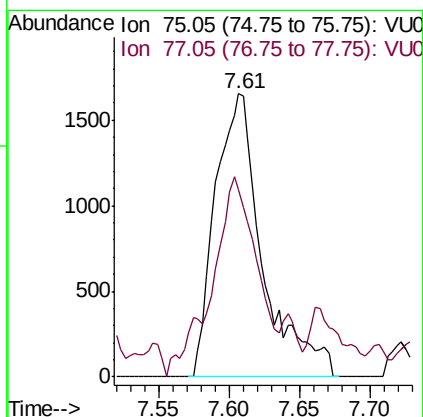
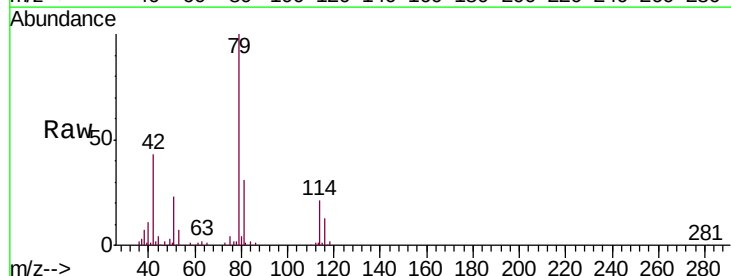
Instrument :
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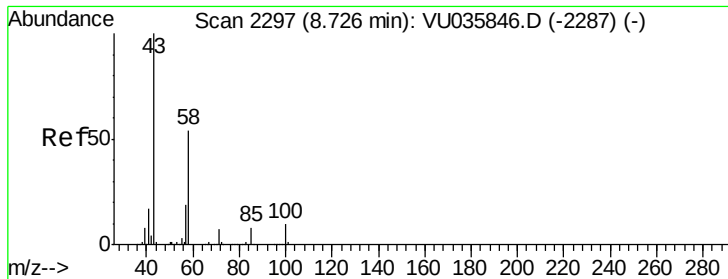
Tgt Ion: 63 Resp: 17886
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035849.D
 Acq: 26 Nov 2019 11:37

Tgt Ion: 75 Resp: 3855
 Ion Ratio Lower Upper
 75 100
 77 66.2 22.1 41.1#

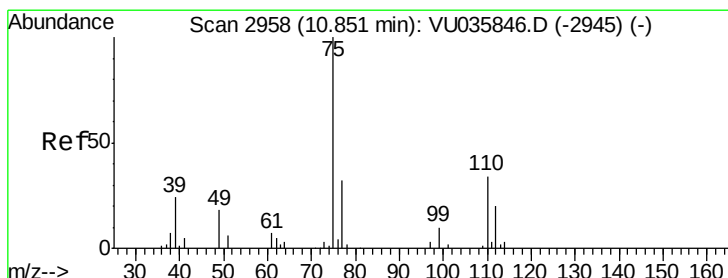
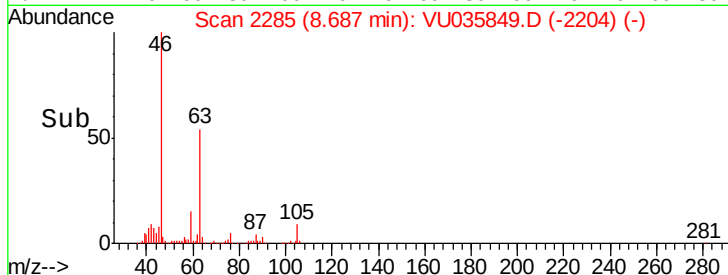
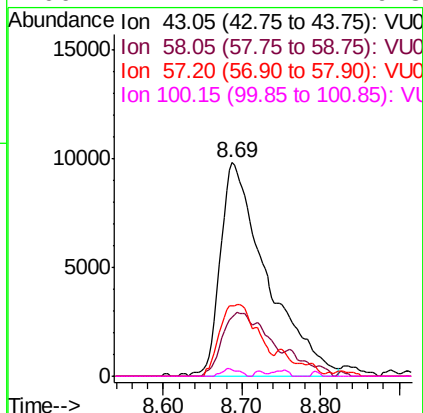
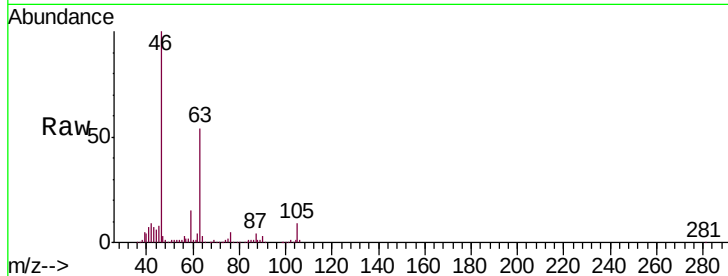




#48
 2-Hexanone
 Concen: 2.928 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: VU035849.D
 Acq: 26 Nov 2019 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE4DL

Tgt Ion: 43 Resp: 40248
 Ion Ratio Lower Upper
 43 100
 58 17.9 39.8 59.8#
 57 27.9 14.0 21.0#
 100 1.2 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.499 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035849.D
 Acq: 26 Nov 2019 11:37

Tgt Ion: 75 Resp: 9871
 Ion Ratio Lower Upper
 75 100
 77 39.6 25.4 38.2#

